

# Employee Attendance and Payroll System

Dnyaneshwar Sontakke, Shahrukh Sheikh, Shubham Bhajipale, Prof. Punam Dandare

Department of Information and Technology, Tulsiramji Gaikwad-Patil  
College of Engineering & Technology, Nagpur, Maharashtra, India

## ABSTRACT

Employee Attendance and payroll is a web application, which becomes the first responsibility of any company. The most operate of payroll is to produce compensation to staff within the kind of wage in exchange for his or her attending and contributing to the company. Most of firms have the information of its permanent employee or its full time employee so, the half time employee usually stepped aside. Therefore, it might be nice if there is a web application that can cover it all, complete with calculations and info, especially for a part time employee that works in the company. Part time employee attendances and payroll system at most presently still are using manual systems which are the filling system and attendance sheet with the employee's signature which is less effective and efficient.

The result of this problems is that the creation of a attendance system using an web application form and automates form of salary calculation within the payroll method.

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## INTRODUCTION

In most Companies the attendance is taken manually. It is not only time consuming, but it is also unsecure and unreliable and it can be lost. Some companies are using punch card for attendance while this will be difficult for employers to keep track of the large number of employees because by using punch card, a employee can help the other employees or his/her colleagues to punch their card even the other employee may be absent or come late in office, so it is not reliable. To overcome these problems I have developed a better system which is Web based; it is fully responsive where a user can use in mobile, tablets and different computer systems. In this system records are kept safe and secure and the attendance information of particular or all employee of particular process can be accessed easily and without time consuming, the report is generated automatically.

## Methodology

### A. Admin

Admin will create employees profile and then employees will get one Login ID. Once employees visit login page then employee have to select Time-In or Time Out option then employee should enter there ID and after clicking on Sign In button the Time-In or Time Out current time will be recorded in database.

### B. Dashboard

In dashboard admin can see total employees One time, late time and no. of onetime percentage. Admin can see monthly attendance report. Admin can see employees attendance in detail and there is a option of employee list, Overtime, Cash Advance, Schedules, Deductions, Positions, Payroll and

Payslip. Admin can print payslips and can download payslip in PDF format.

### Modeling and Analysis

Admin has the access of Dashboard, in this admin can view the currently no. of working employees, no. of regular time and no. of late time. Admin can see attendance list. While registering employees in a system admin can schedule the employee and can be reschedule at any time. Position of employee is set by admin of and can be change at any time. Admin has to set Deduction in amount which their company need to deduct from their employees. All this data is stored in database, through database admin can generate reports like payroll and payslip in PDF format and can print it.

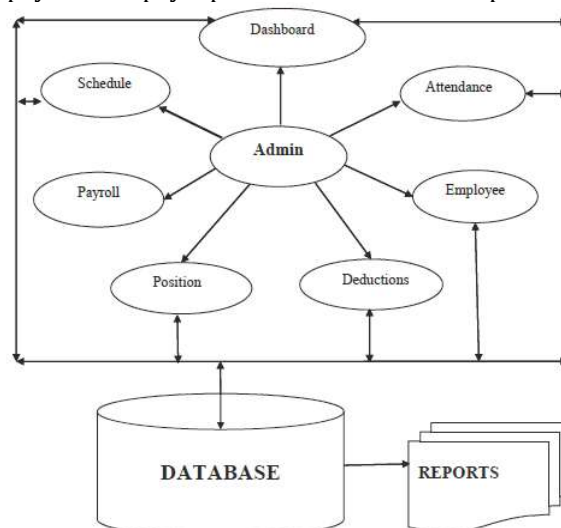


Figure 1: Data Flow Diagram

## Result and Discussion

After generating report, the admin can print the payslip in pdf format and can save in pdf format. Payslip of all the employees can be generated, at any time admin can generate it.

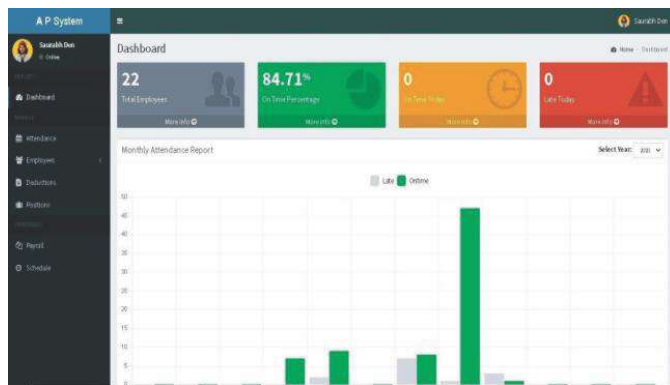


Figure 2: Dashboard of Admin

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